

FIG.1

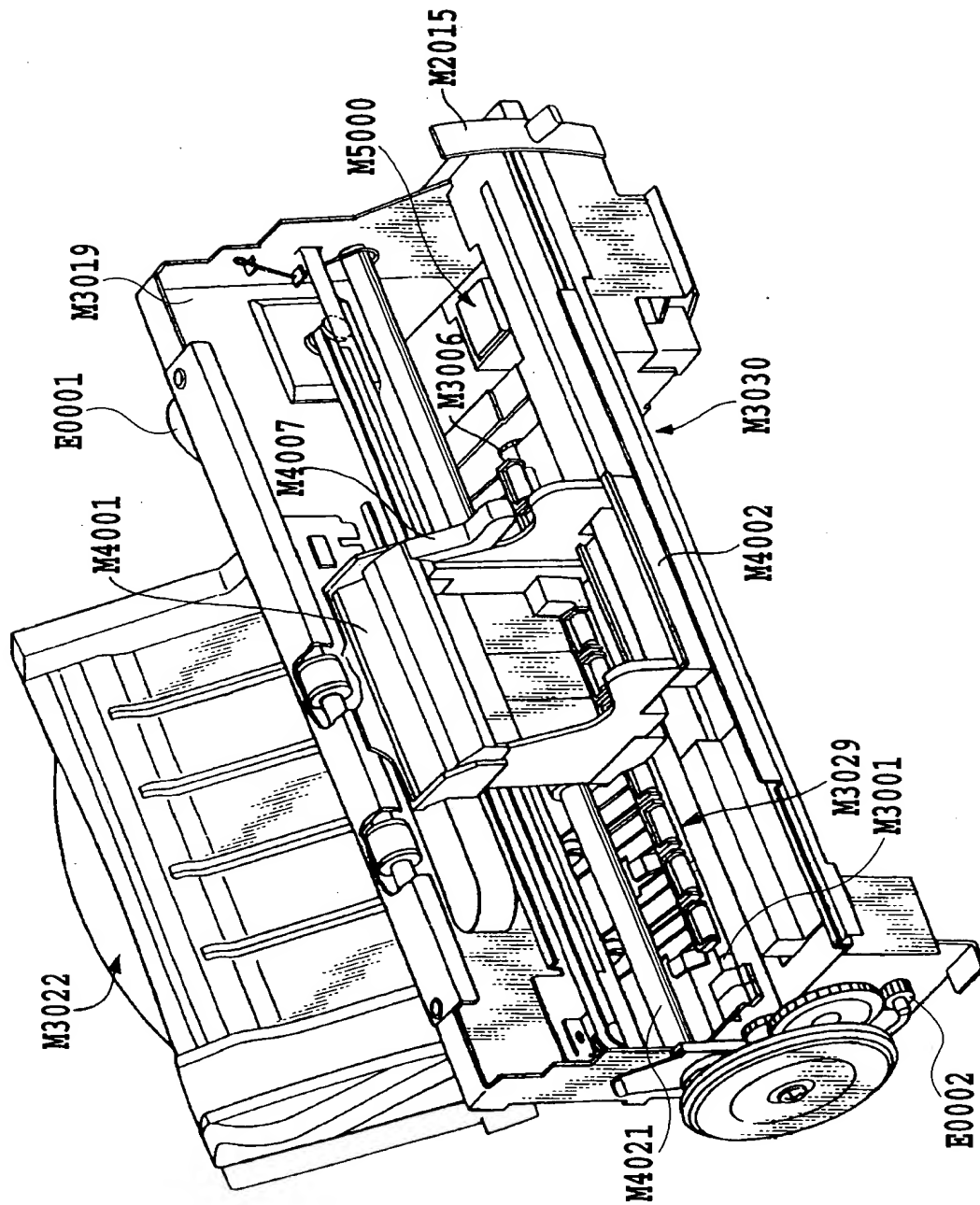


FIG. 2

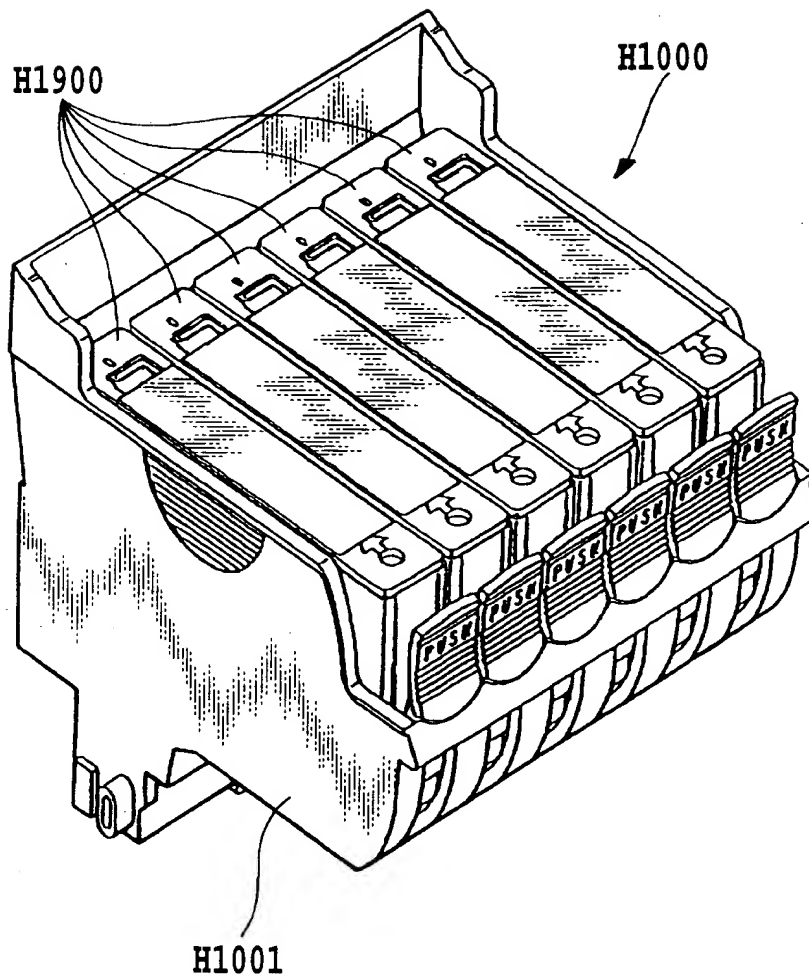


FIG.3

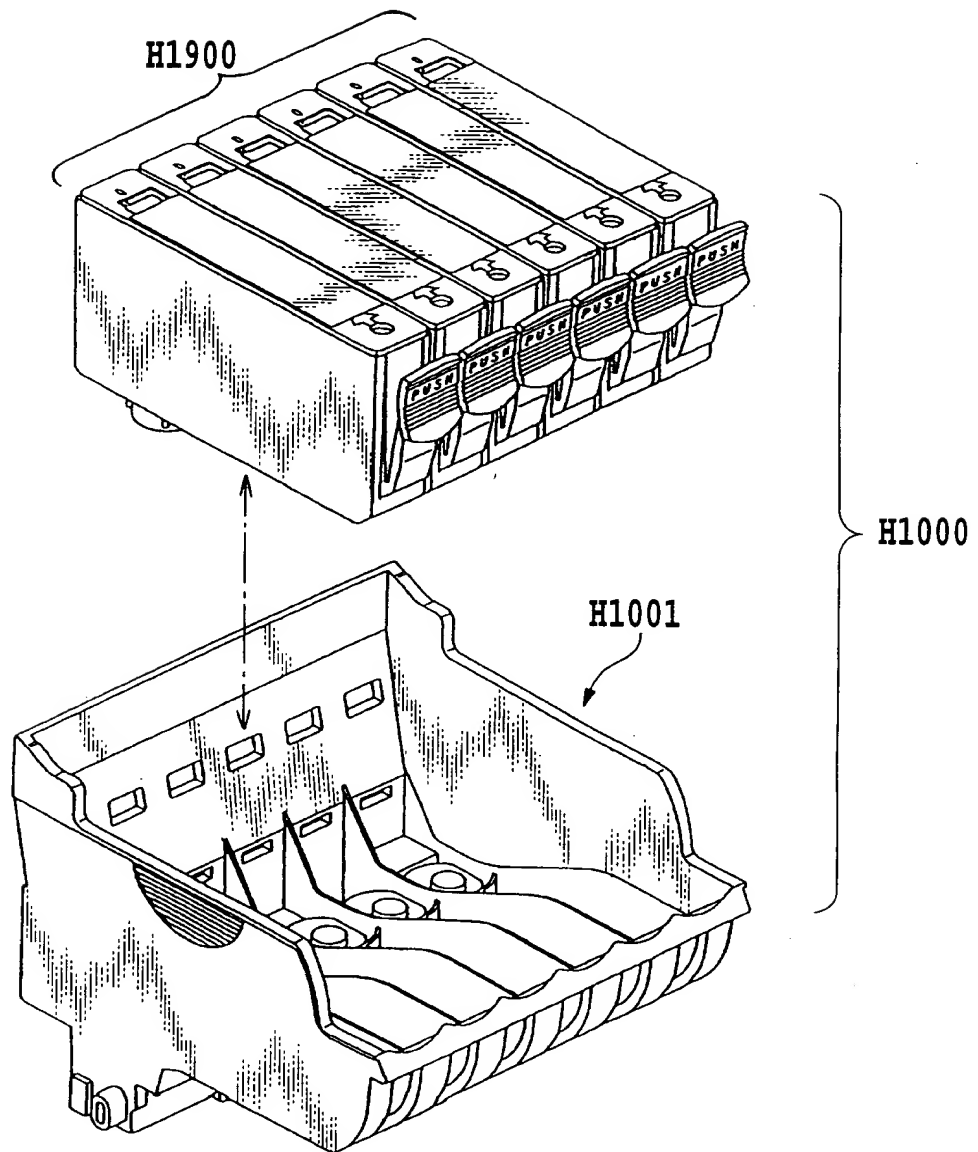


FIG.4

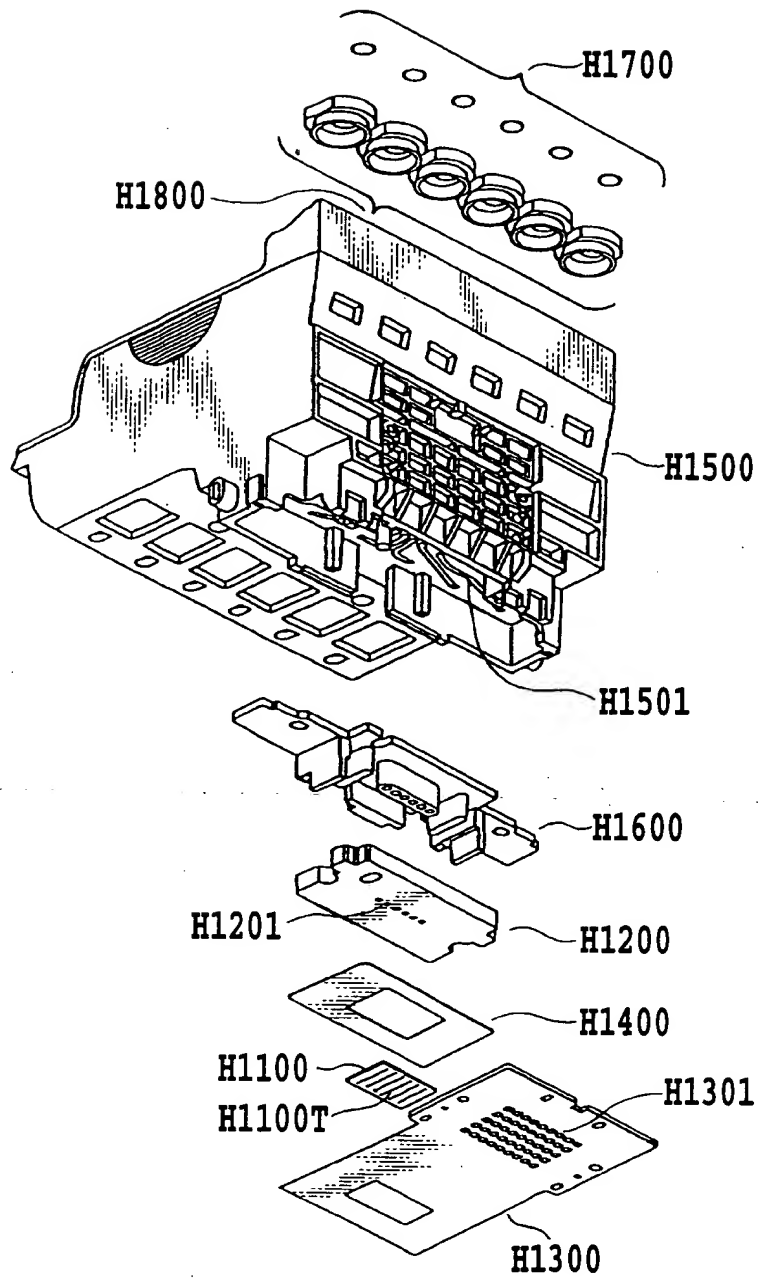


FIG.5

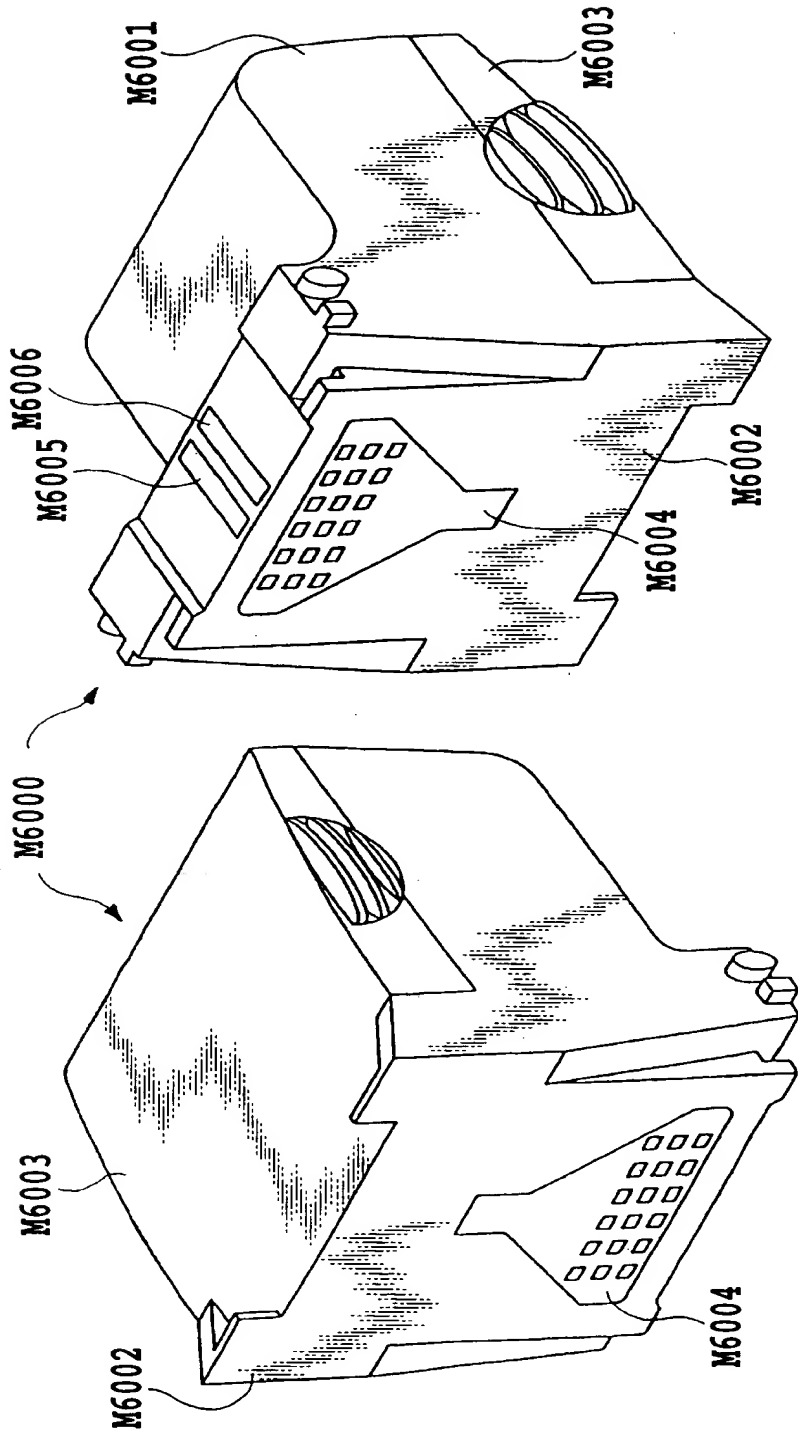


FIG. 6B

FIG. 6A

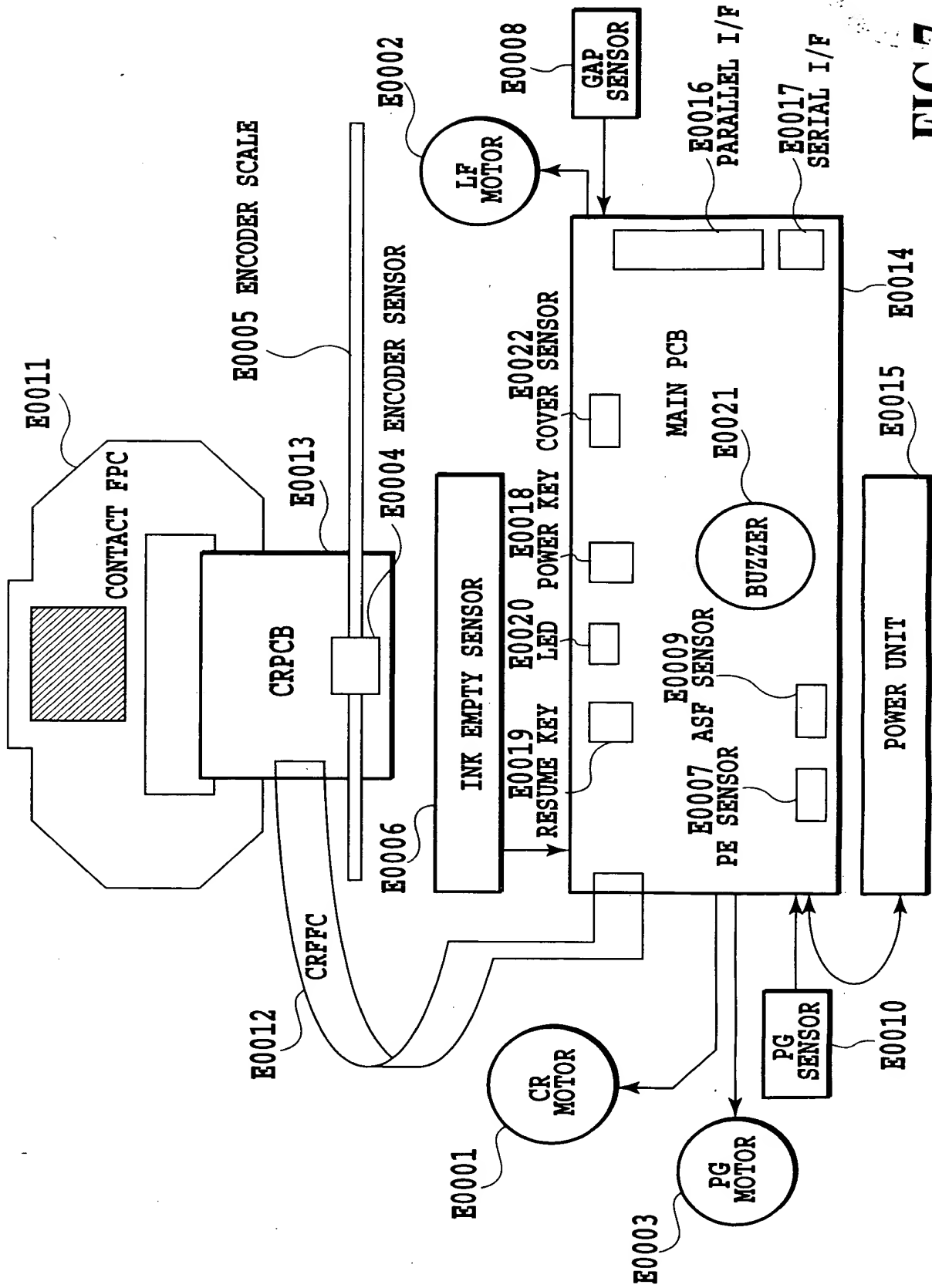


FIG. 7

FIG.8

8/41

FIG.8A FIG.8B

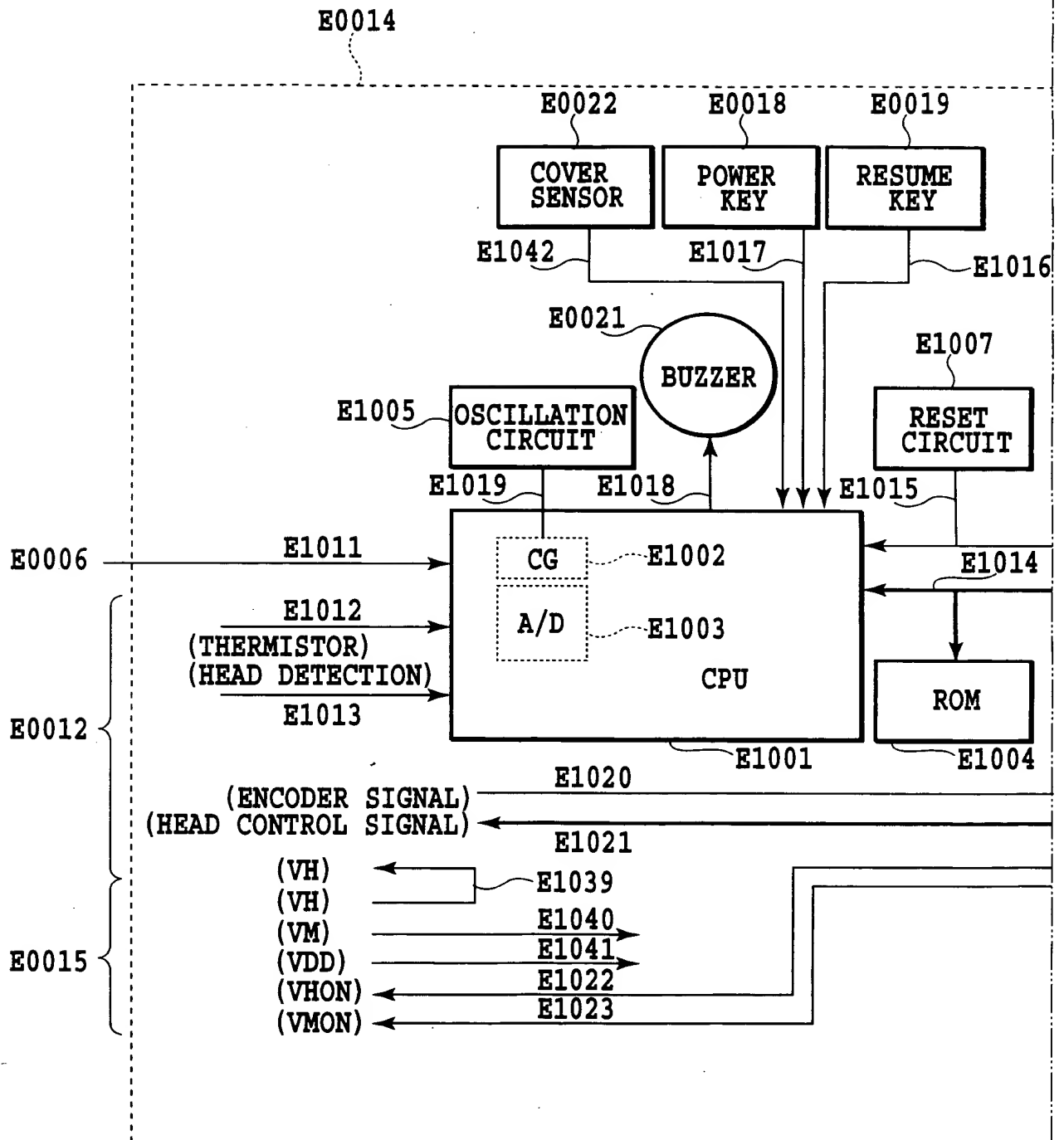


FIG.8A

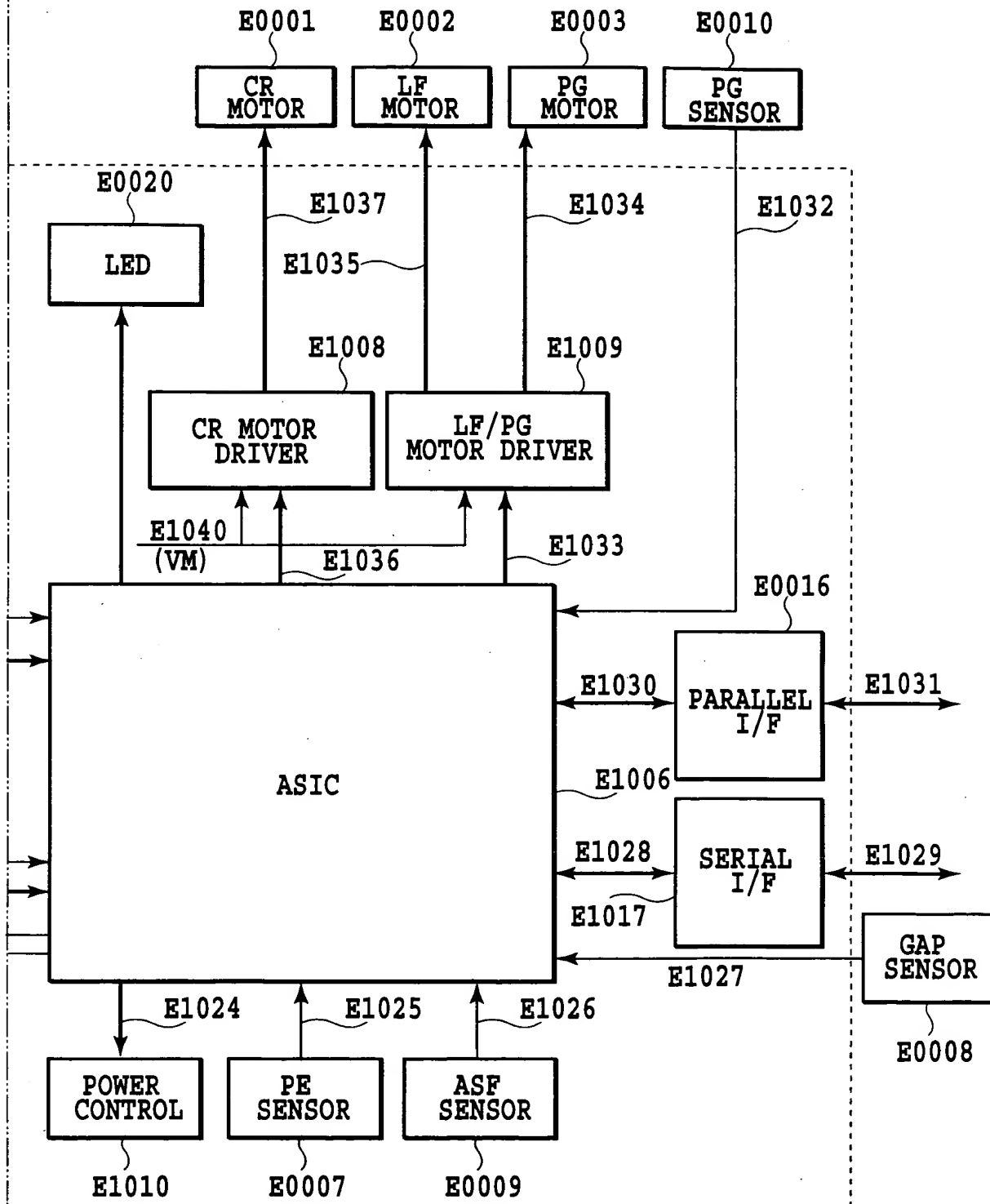


FIG.8B

FIG.9

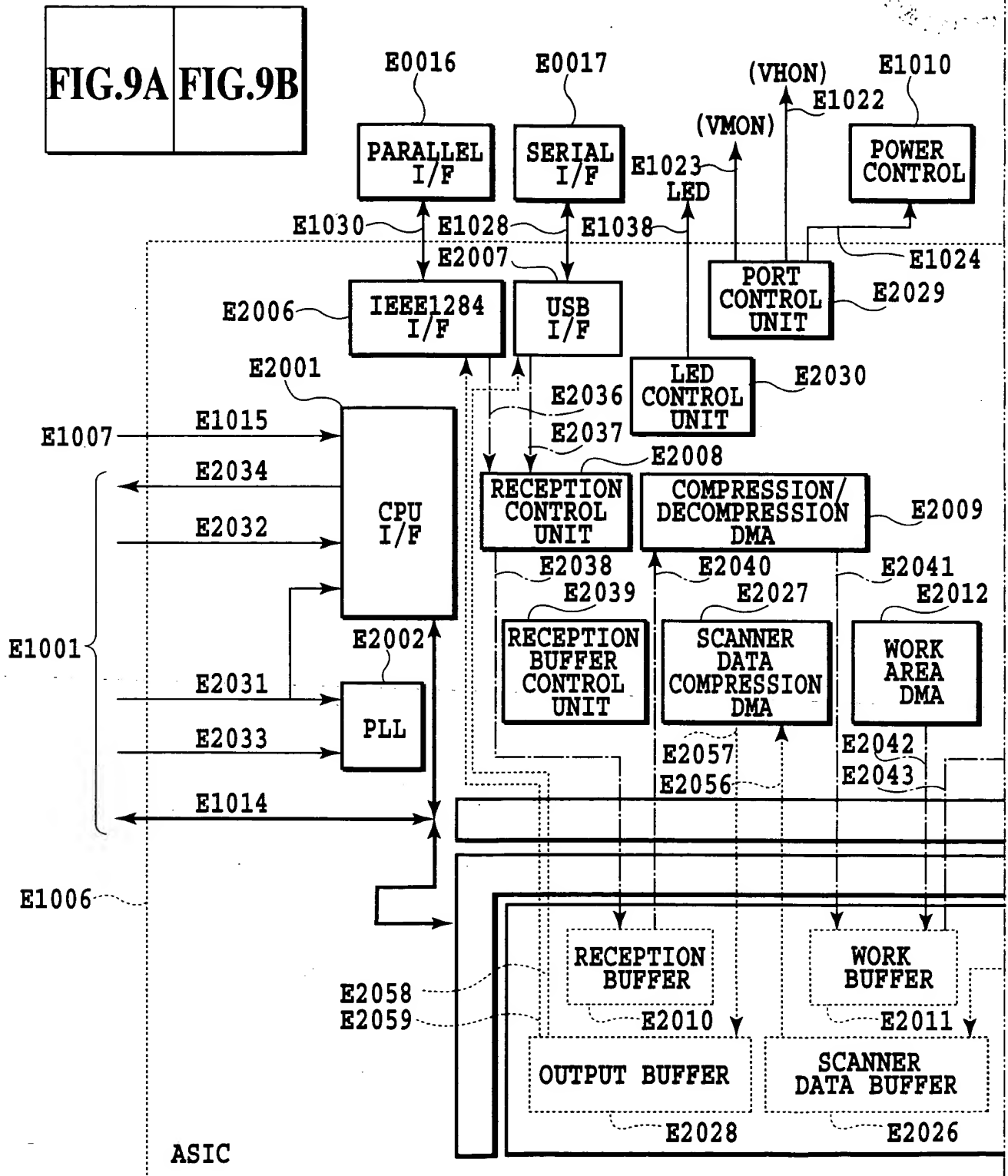


FIG.9A

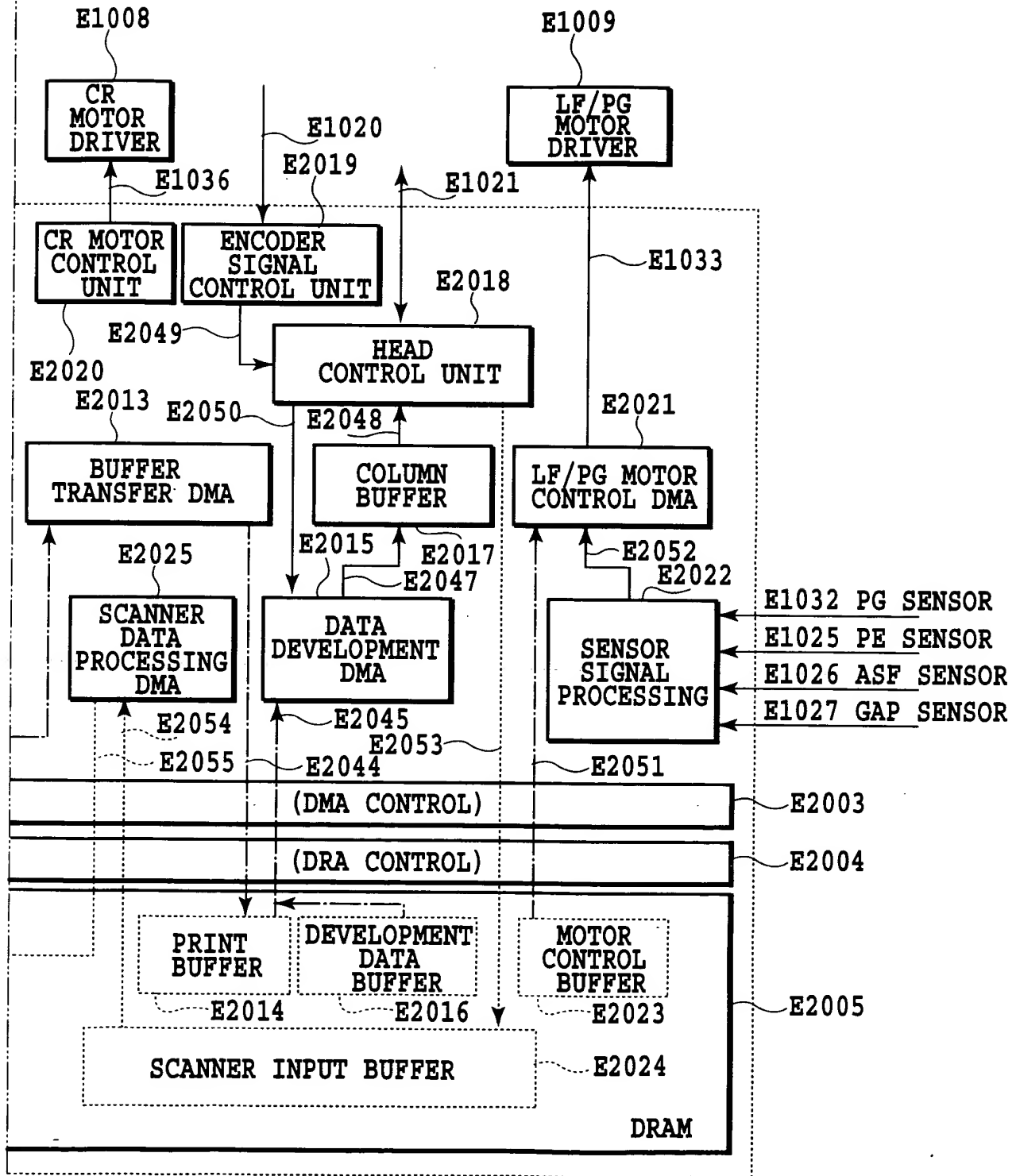


FIG.9B

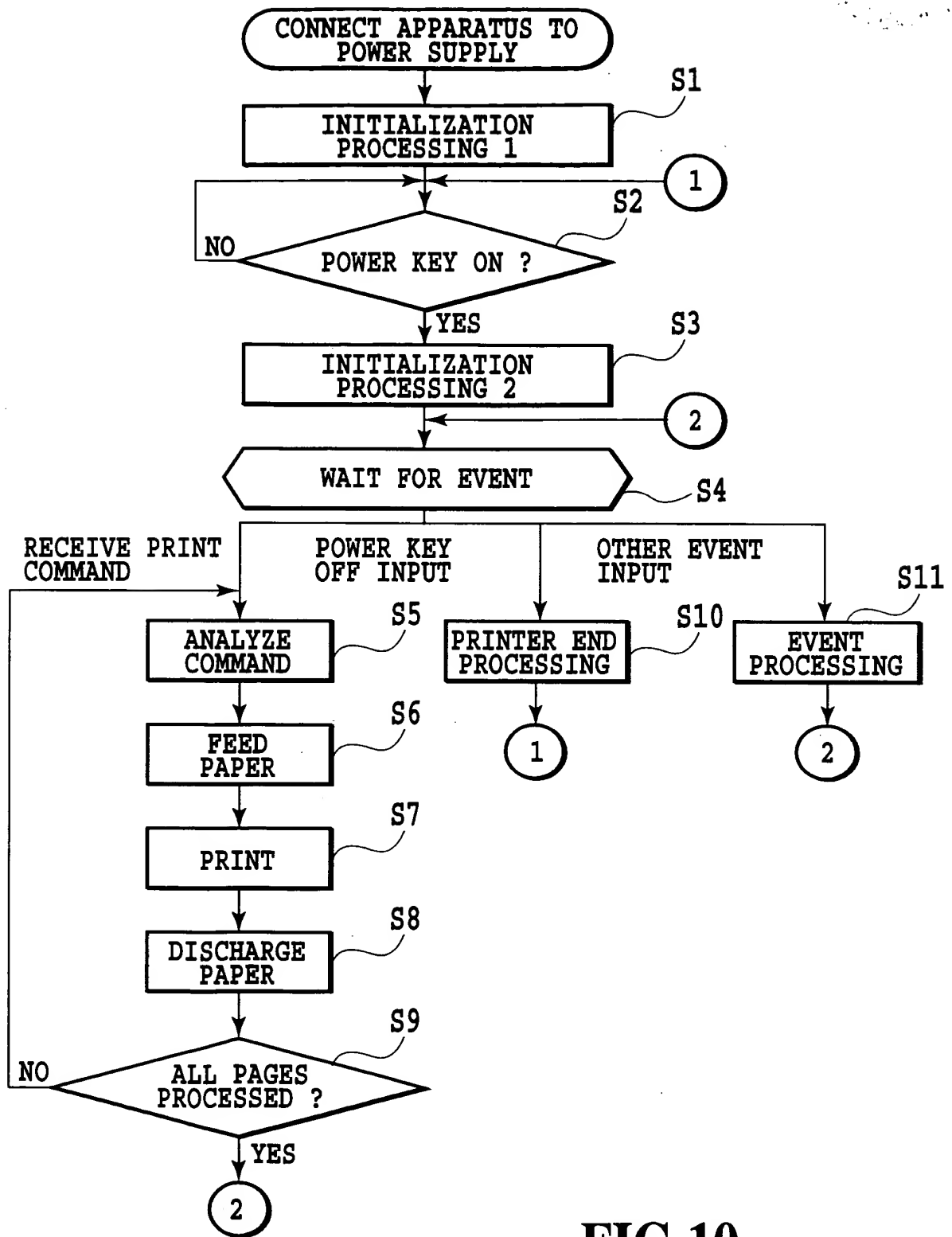
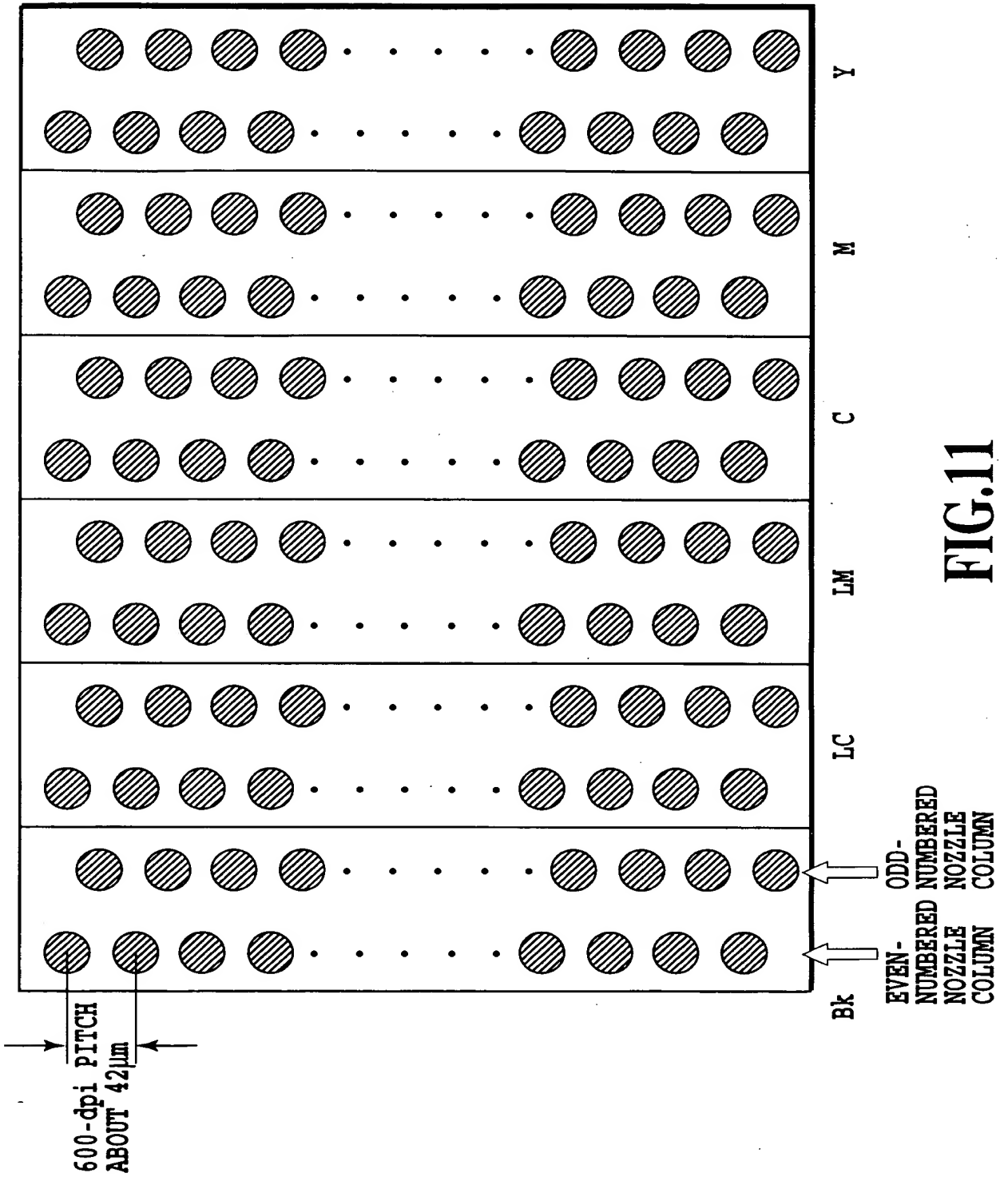
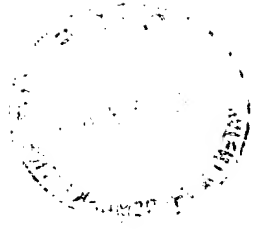


FIG.10



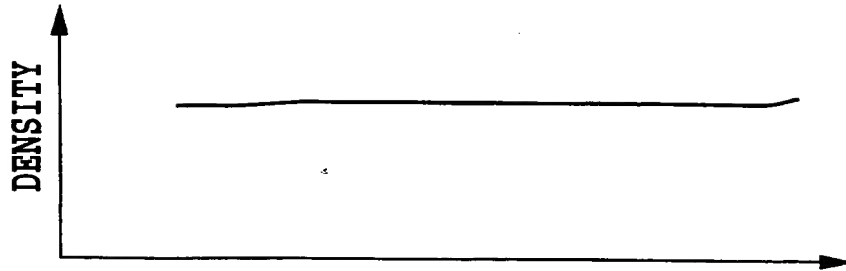


FIG.12C

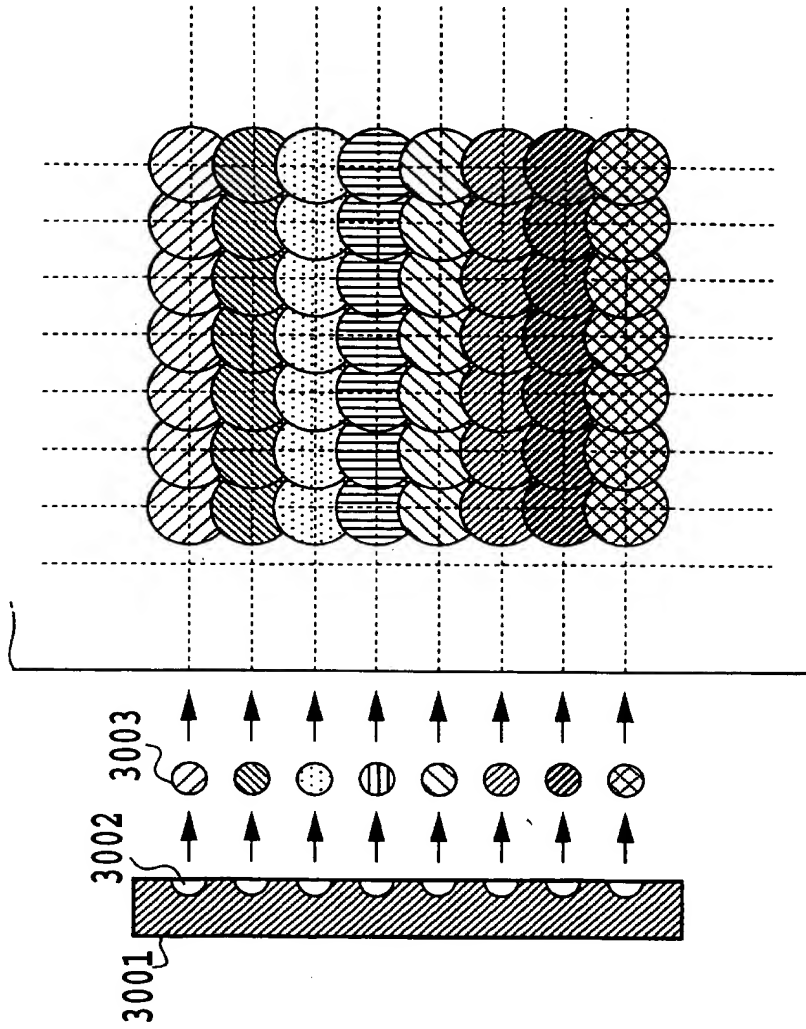


FIG.12B

FIG.12A

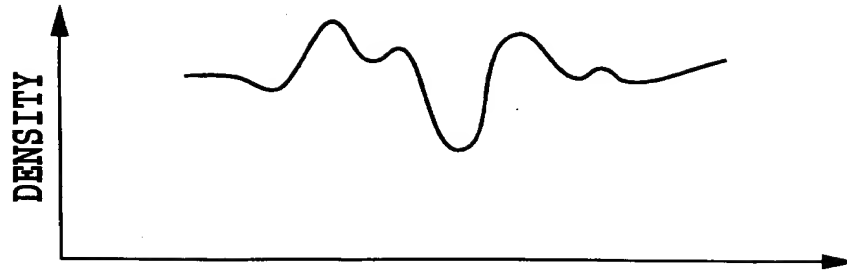


FIG.13C

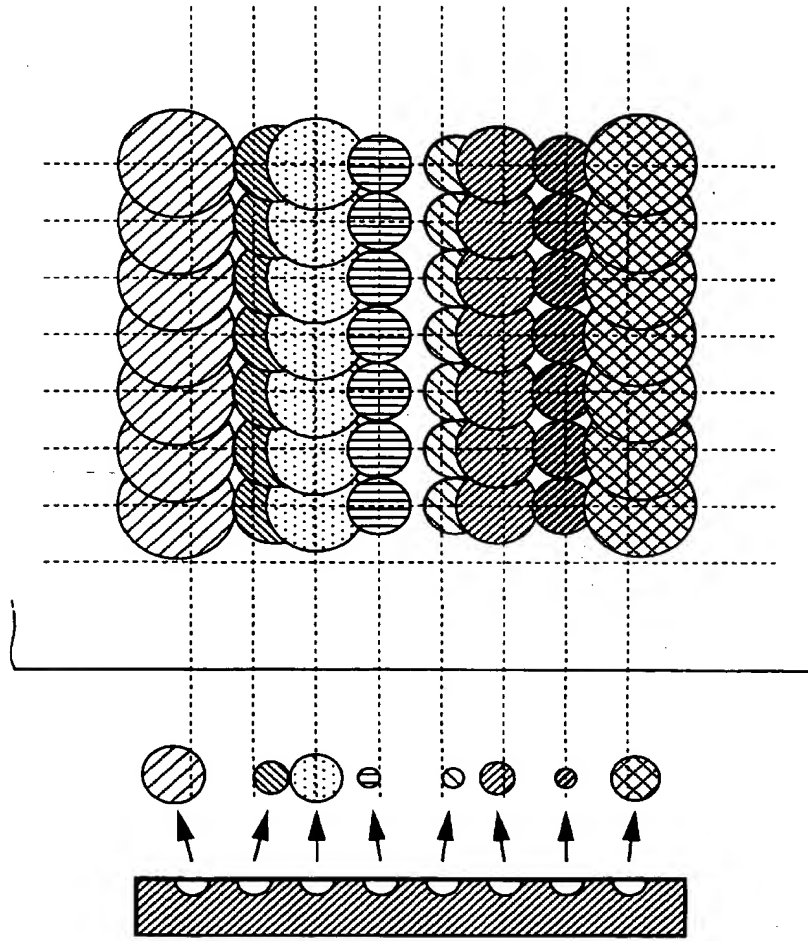


FIG.13B

FIG.13A

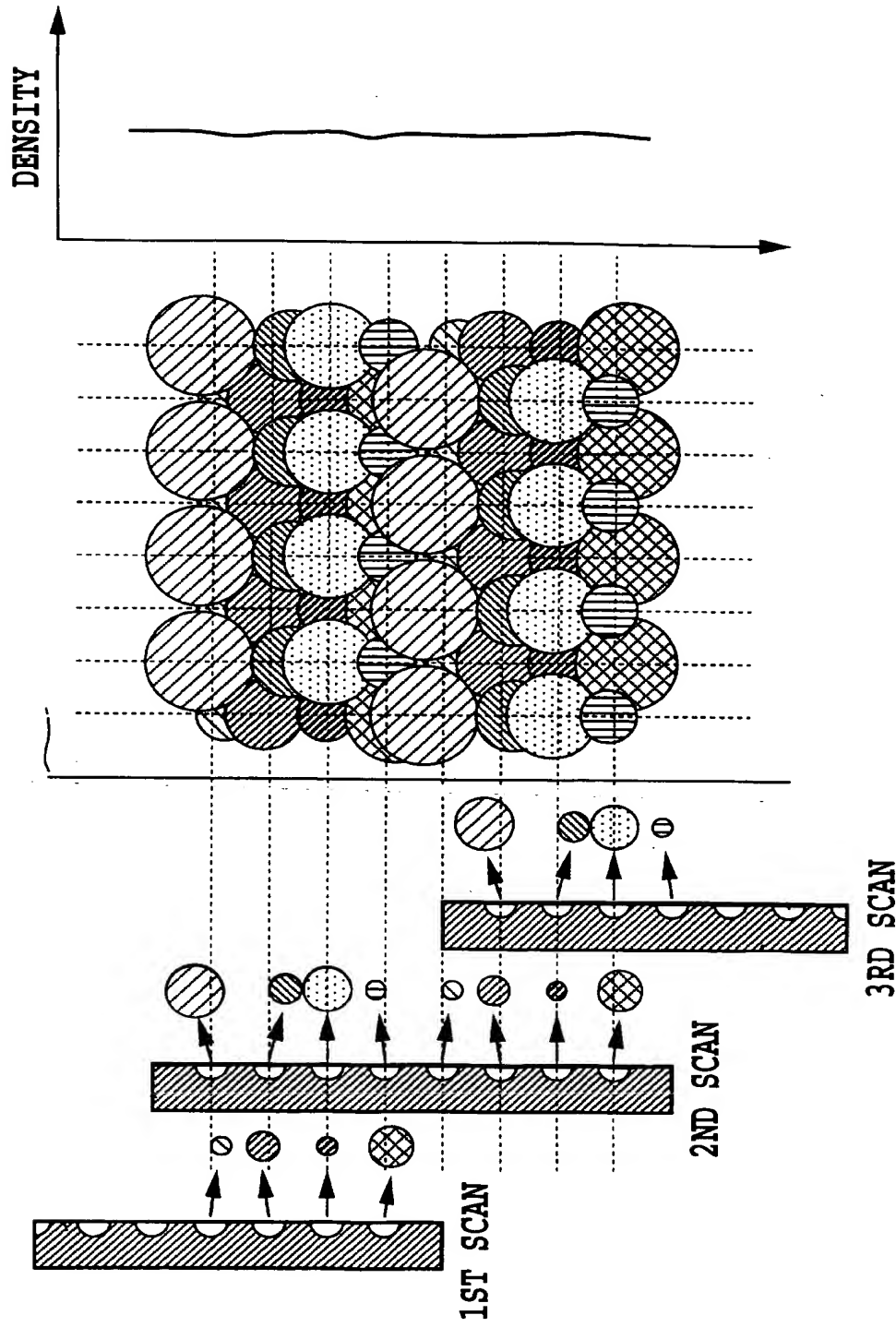


FIG.14A

FIG.14B

FIG.14C

1WORD

MSB

LSB

HEAD VERSION INFORMATION	
FRAME NUMBER	
HEAD SERIAL NUMBER	
HEAD DRIVE CONDITION	
BI-DIRECTIONAL REGISTRATION	
INTERCOLOR REGISTRATION	
REGISTRATION BETWEEN EVEN-AND ODD-NUMBERED RASTERS	
EJECTION FAILURE INFORMATION	
EJECTION INFORMATION	
ERROR CHECK	

FIG.15

FIG.15A

FIG.15B

17/41

FIG.15A

HEAD VERSION INFORMATION	
FRAME NUMBER	
HEAD SERIAL NUMBER	
HEAD DRIVE CONDITION	
BI-DIRECTIONAL REGISTRATION	
INTERCOLOR REGISTRATION	REGISTRATION BETWEEN EVEN-AND ODD-NUMBERED RASTERS
EJECTION FAILURE INFORMATION	
EJECTION INFORMATION	
ERROR CHECK	

FIG.15B

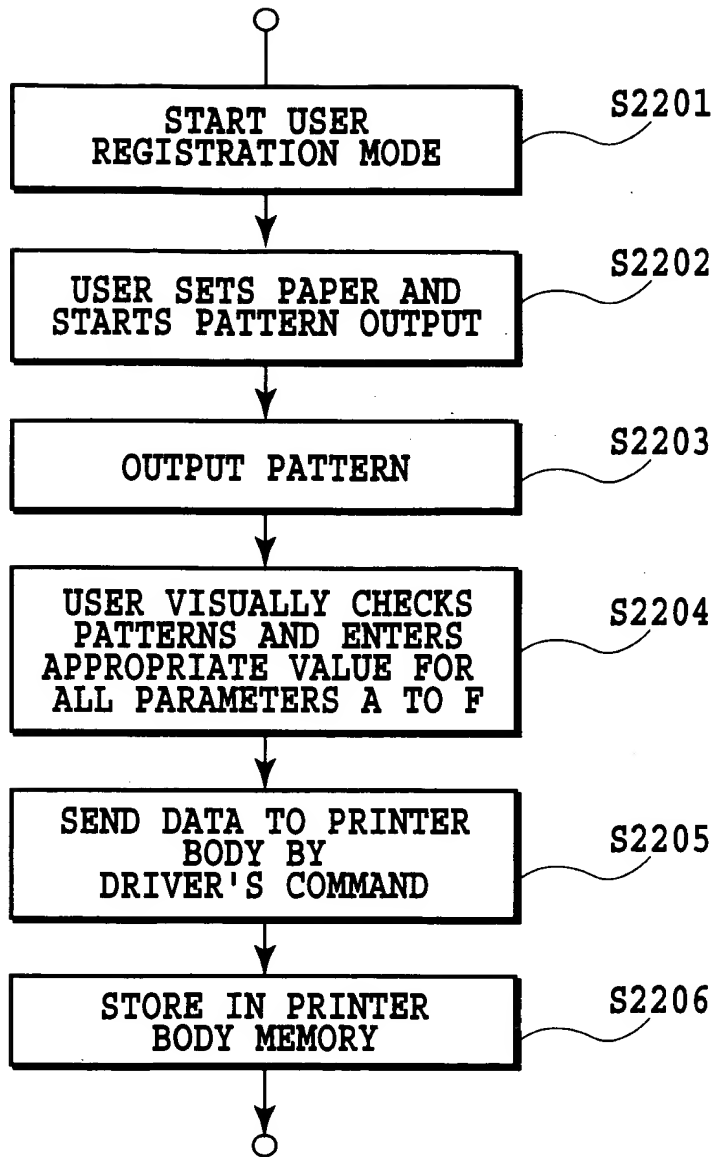


FIG.16A

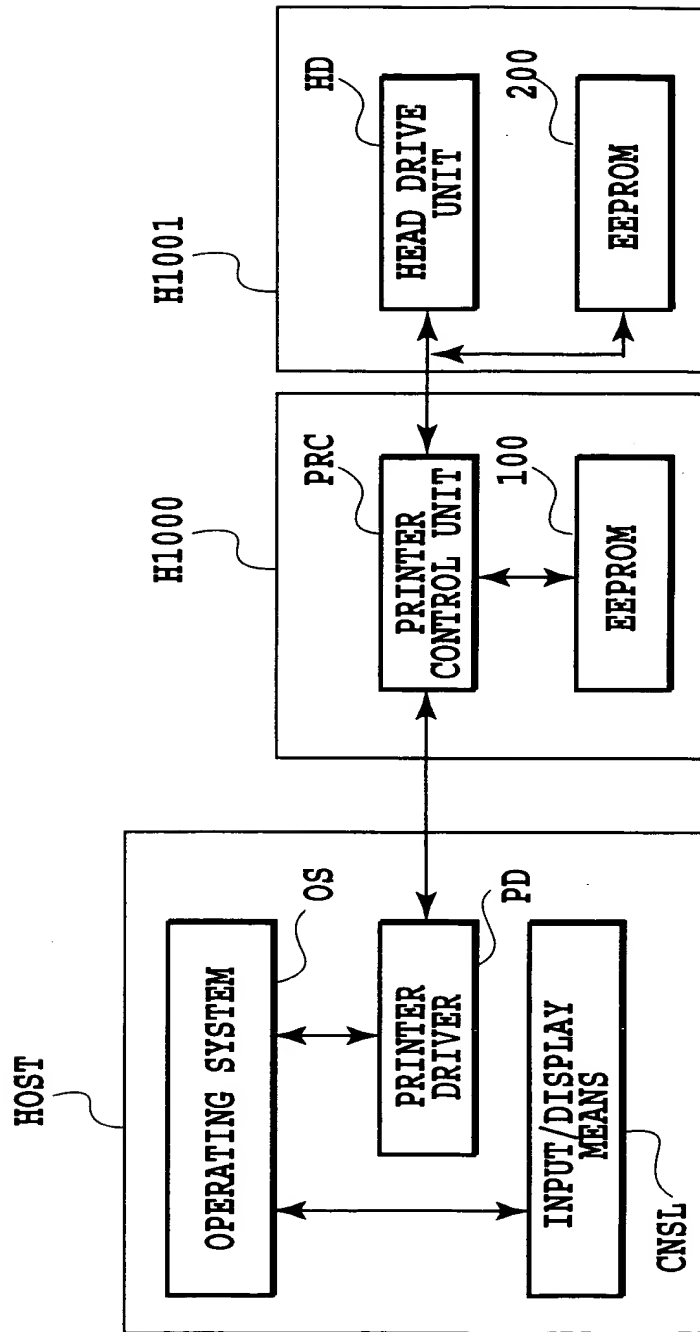


FIG.16B

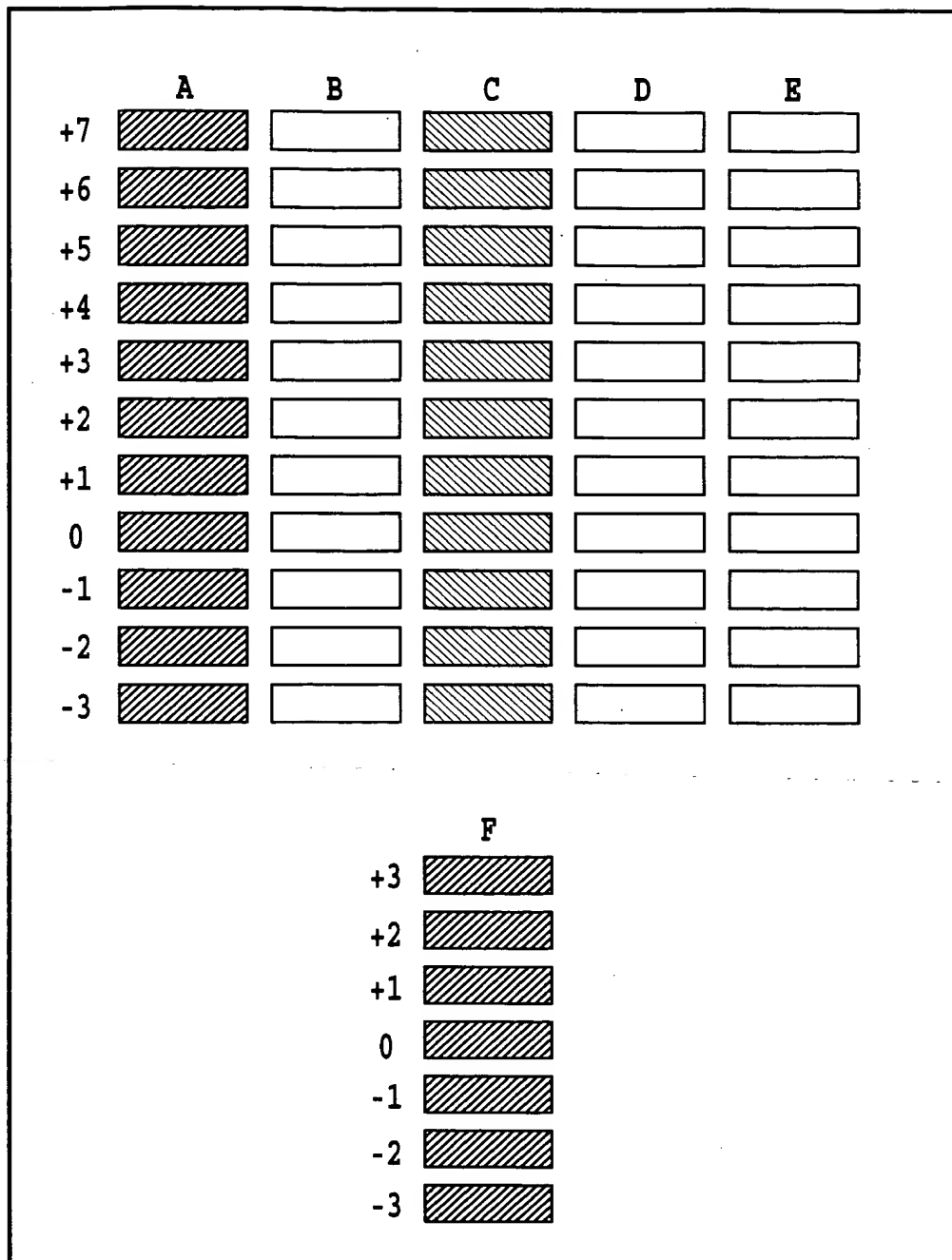


FIG.17

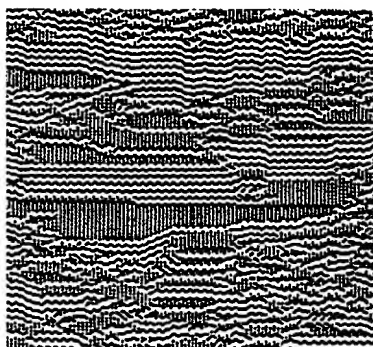


FIG.18C

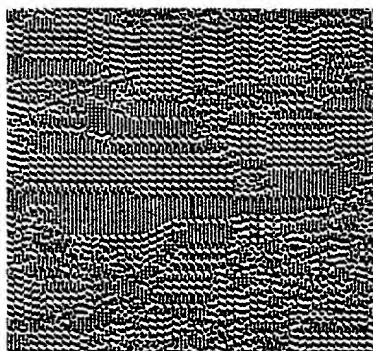


FIG.18B

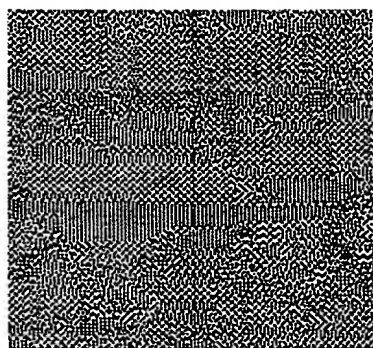


FIG.18A

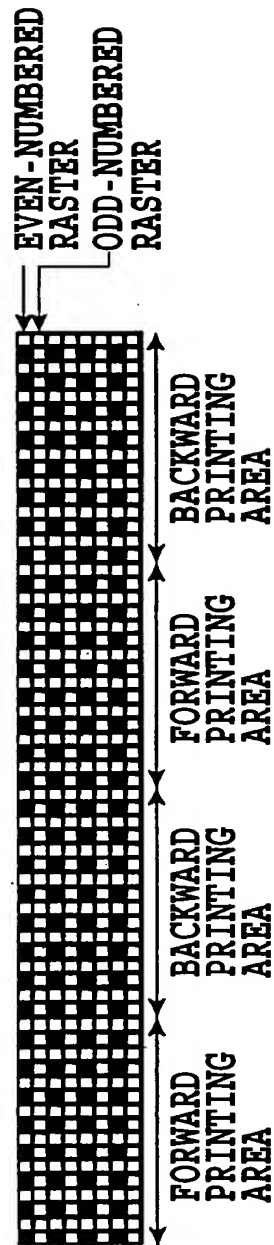


FIG.19A

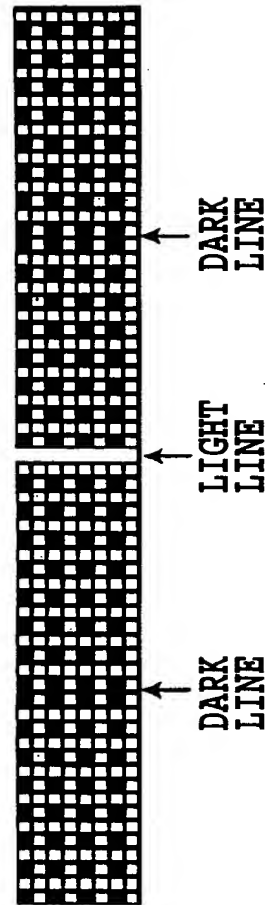


FIG.19B



24/41

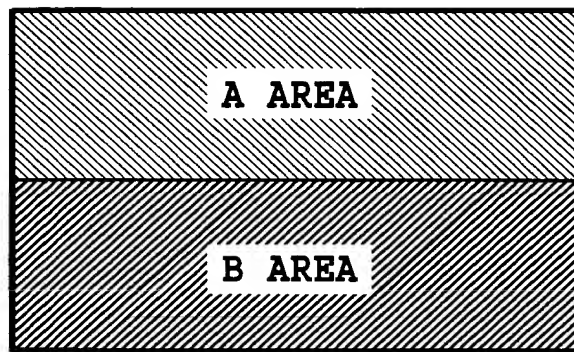


FIG.20

**FIG.21A**

	HQ	HS
NORMAL POSITION	3	4
THICK SHEET POSITION	4	6

UNIT (PIXEL)

FIG.21B

	HQ	HS
NORMAL POSITION	3	5
THICK SHEET POSITION	4	7

UNIT (PIXEL)

FIG.21C

	HQ	HS
NORMAL POSITION	3	5
THICK SHEET POSITION	4	7

UNIT (PIXEL)

FIG.21D

	HQ	HS
NORMAL POSITION	3	6
THICK SHEET POSITION	4	8

UNIT (PIXEL)

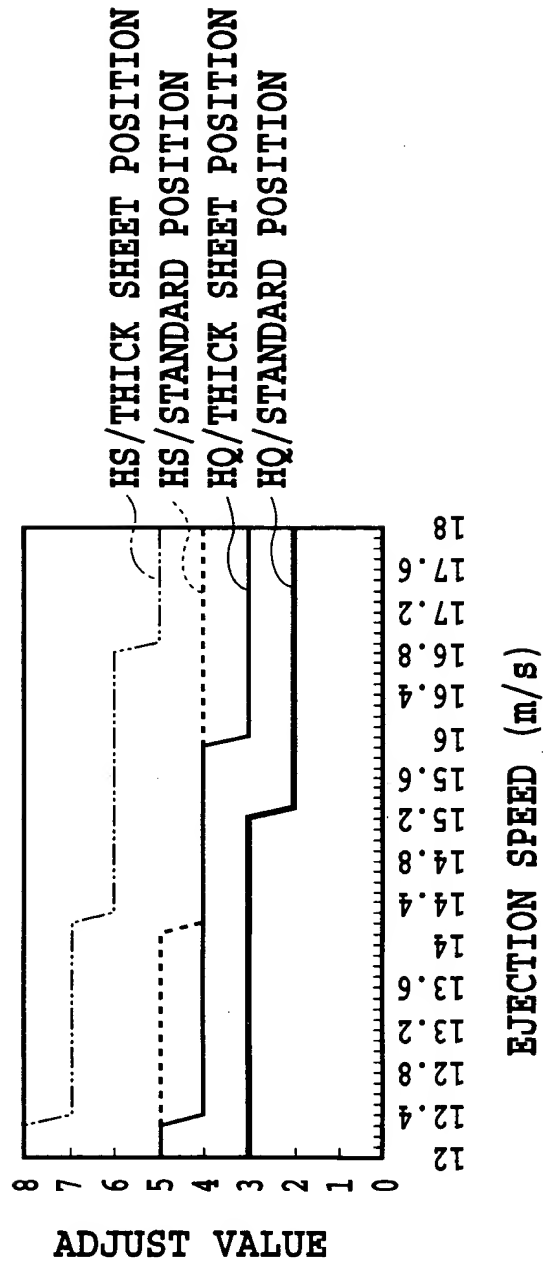


FIG.22

EJECTION SPEED (m/s)	12~12.4	12.4~114.2	14.2~15.3	15.3~16.0	16.0~16.9	16.9~18.0
HS/THICK SHEET POSITION	3	3	3	2	2	2
HS/STANDARD POSITION	5	4	4	4	3	3
HQ/THICK SHEET POSITION	5	4	4	4	4	4
HQ/STANDARD POSITION	8	7	6	6	6	5

UNIT (PIXEL)

FIG.23

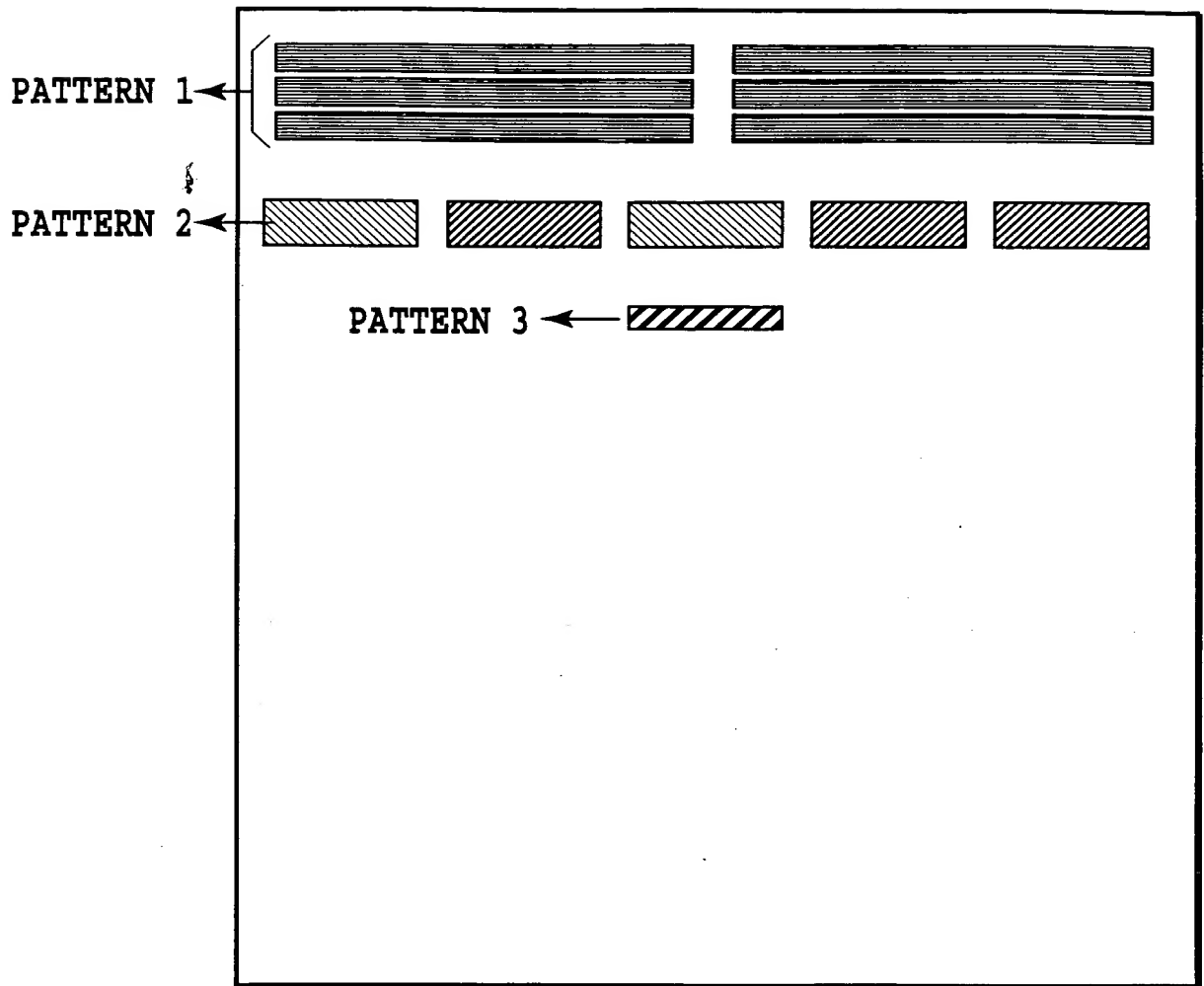
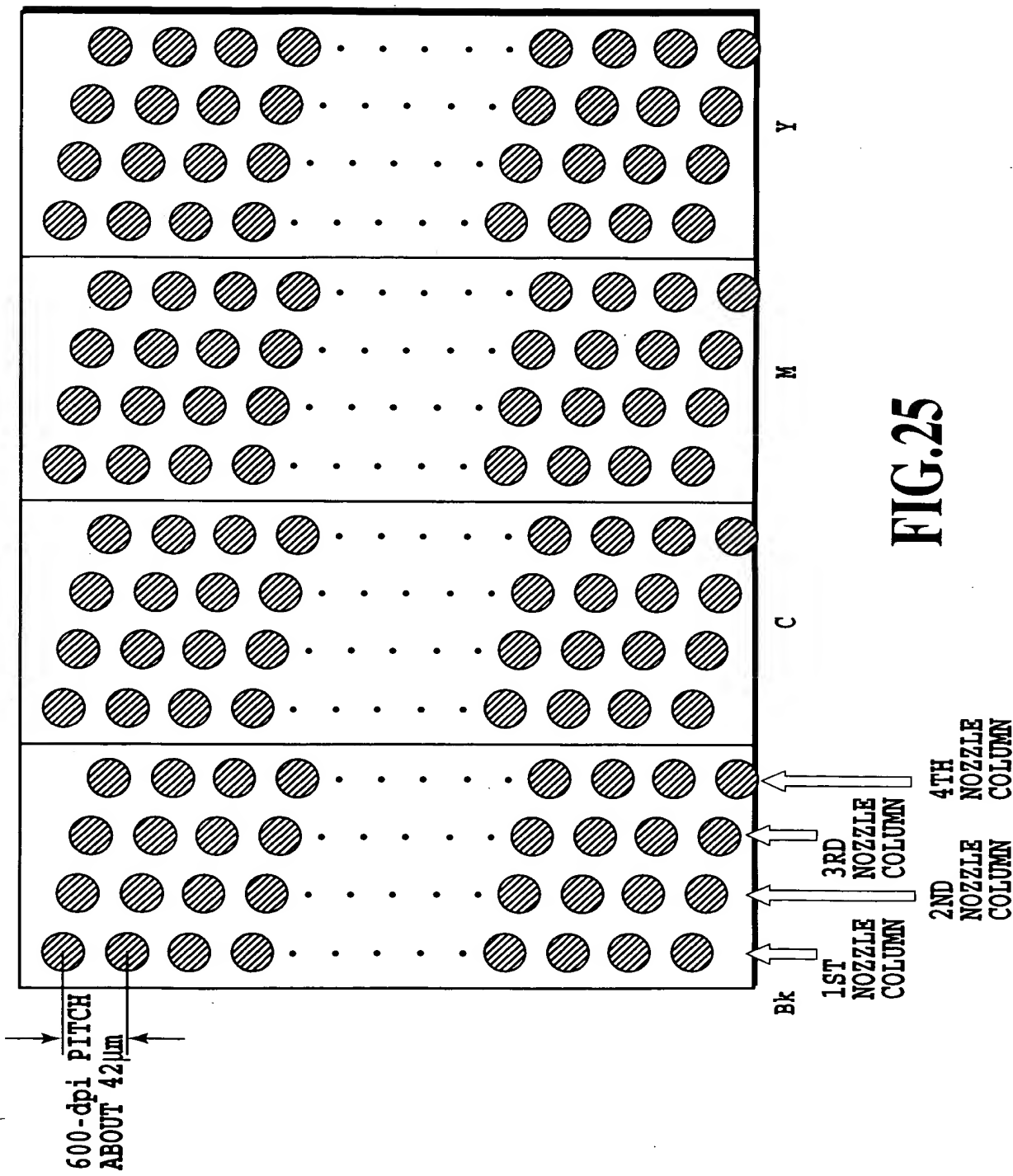


FIG.24



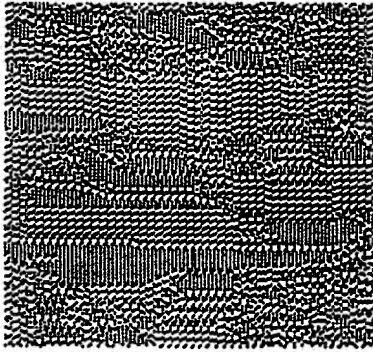


FIG. 26A

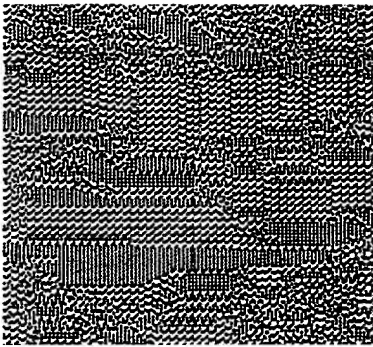


FIG. 26B

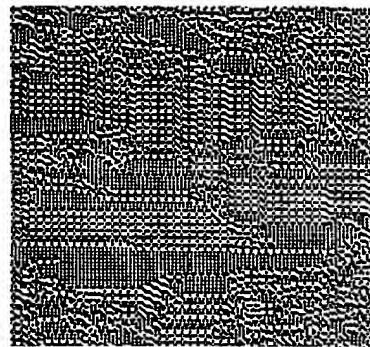


FIG. 26D

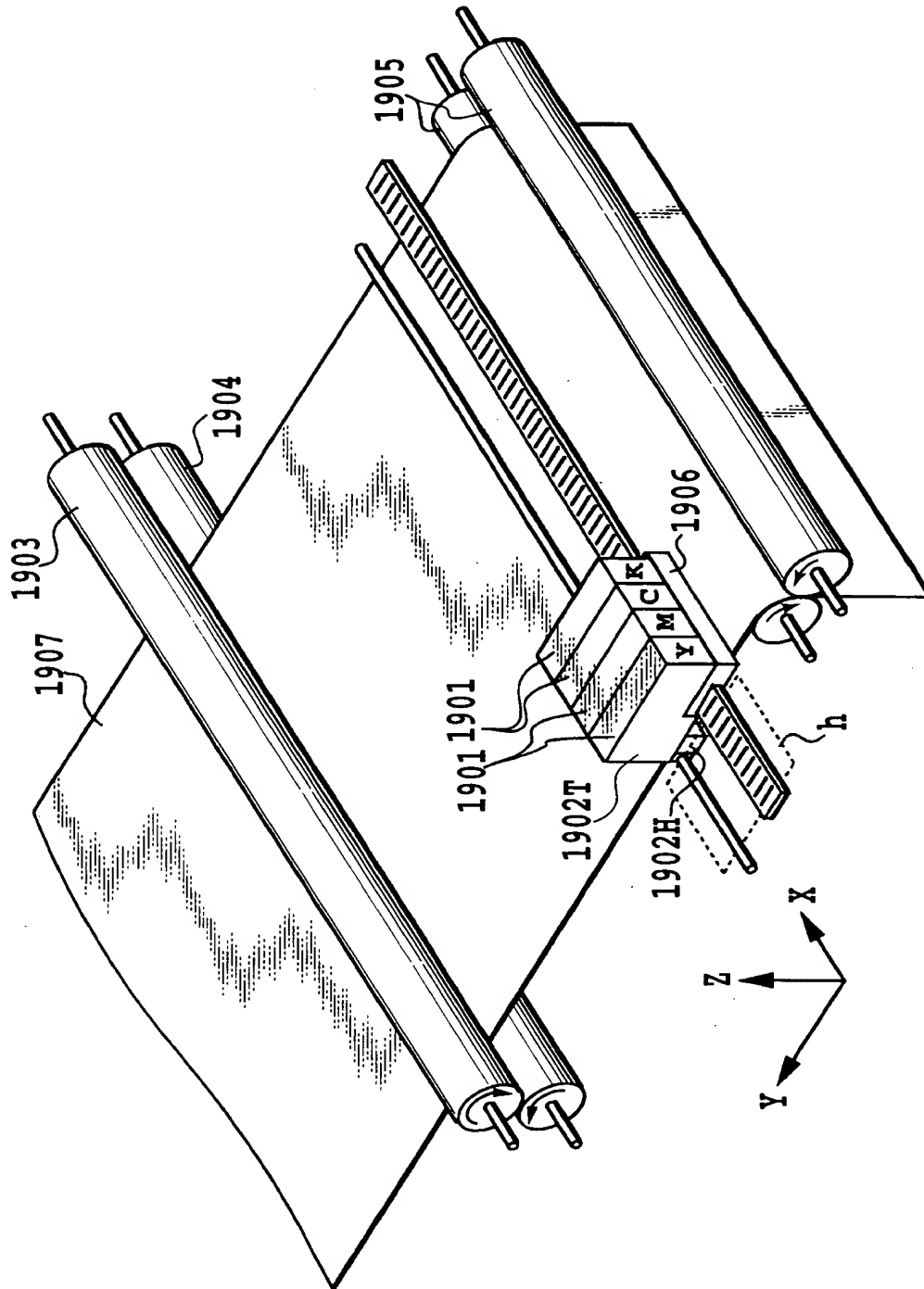


FIG. 27

32/41

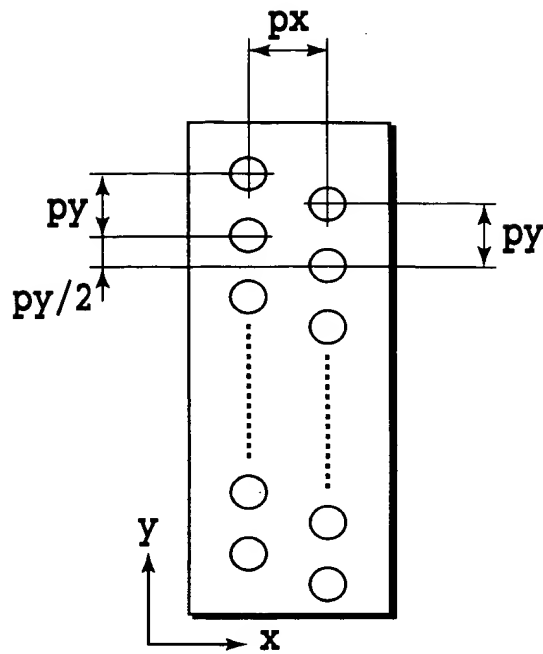


FIG. 28A

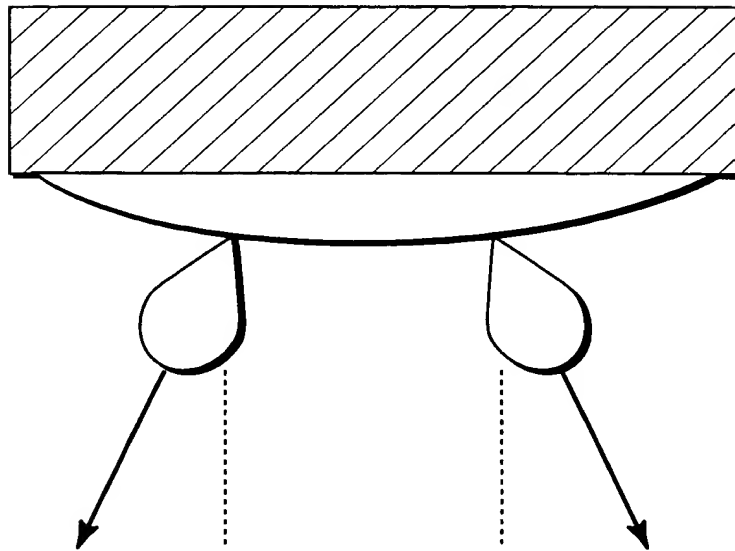


FIG. 28B

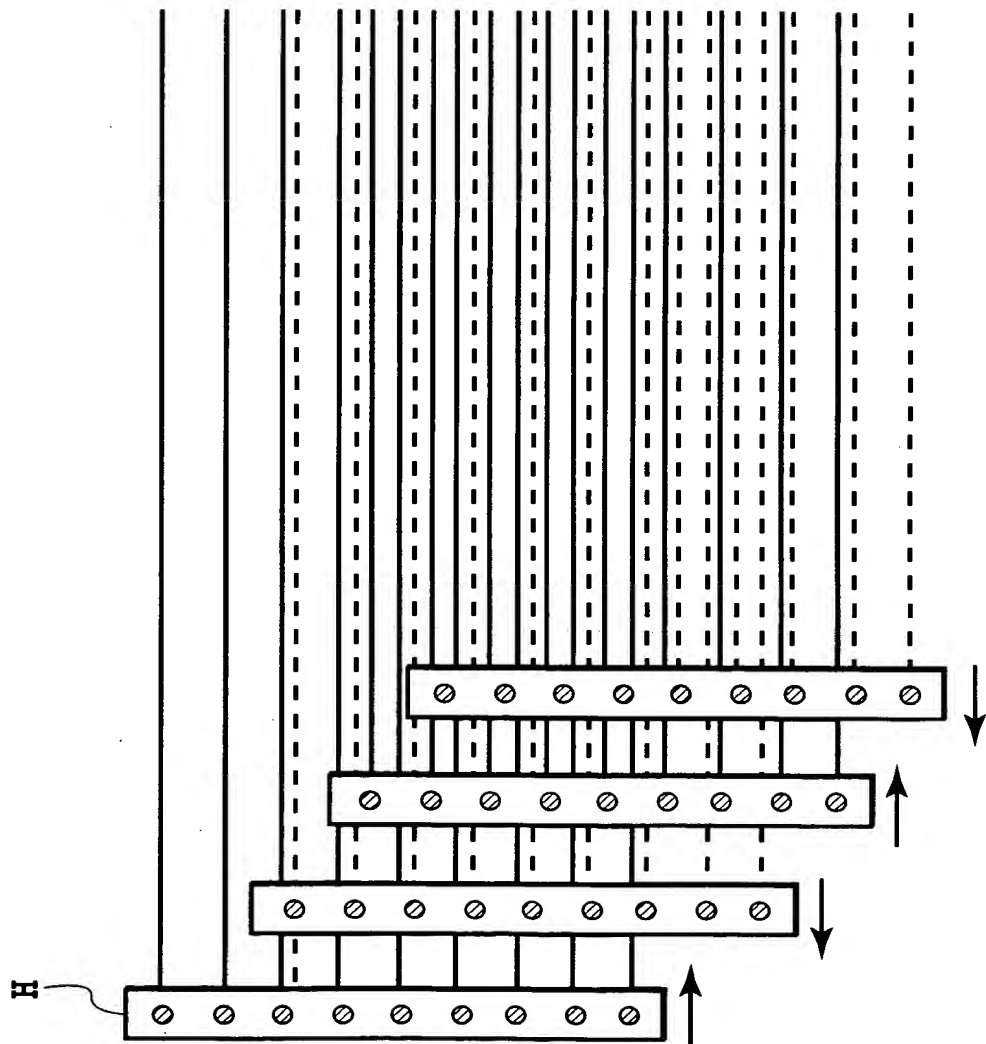


FIG. 29

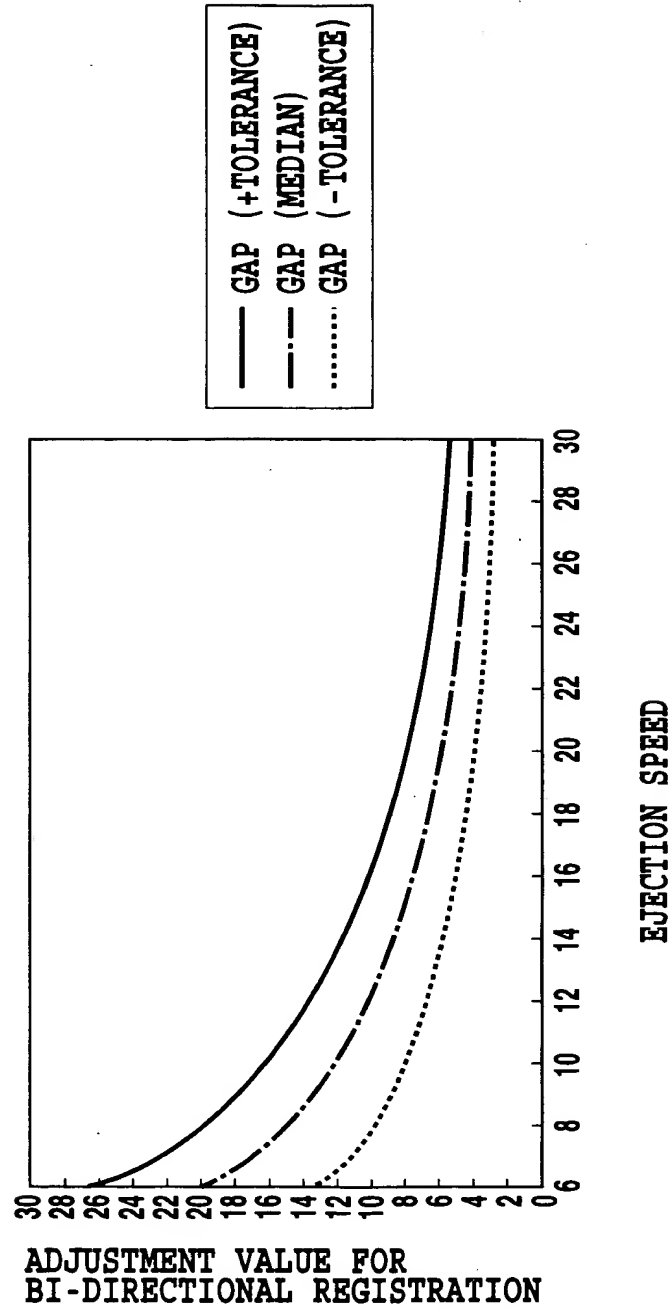


FIG.30

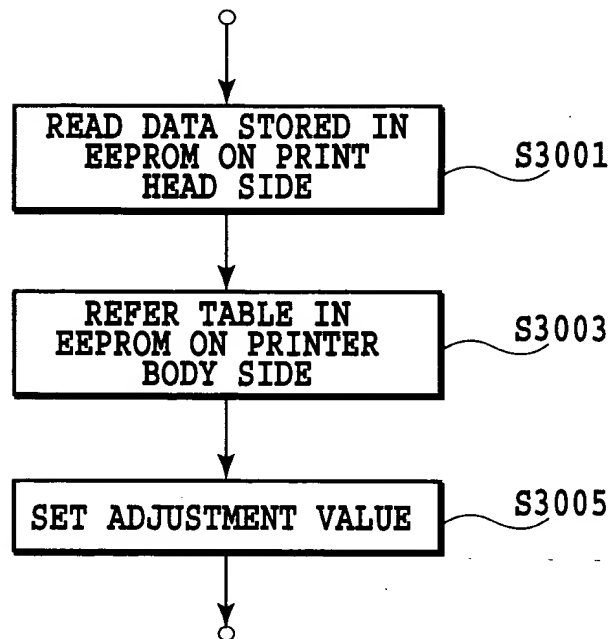


FIG.31

EJECTION SPEED (m/s)		10	11	12	13	14	15	16
		01	02	03	04	05	06	07
GAP + TOLERANCE (MAXIMUM)		16	15	14	13	8	11	10
GAP (MEDIAN)		12	11	10	9	12	6	5
GAP - TOLERANCE (MINIMUM)		8	7	7	6	6	5	5

FIG.32



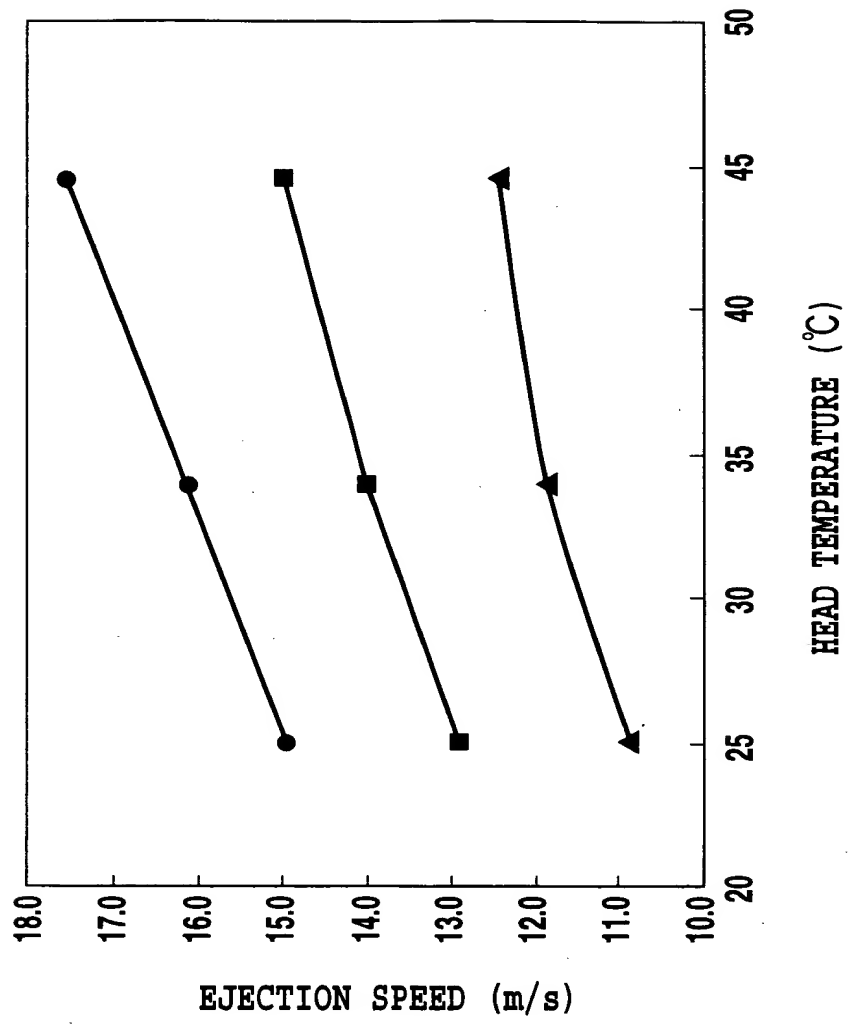
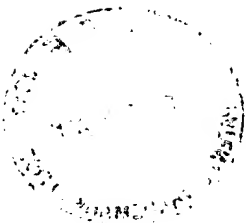


FIG.33

INITIAL EJECTION SPEED (mm)		10	11	12	13	14	15	16
HEAD TEMPERATURE (°C)	20~30	01	02	03	04	05	06	07
	30~40	01	02	03	04	05	06	07
	40~50	02	03	04	05	06	07	08
		03	04	05	06	07	08	09
	50~	04	05	06	07	08	09	0a

FIG.34



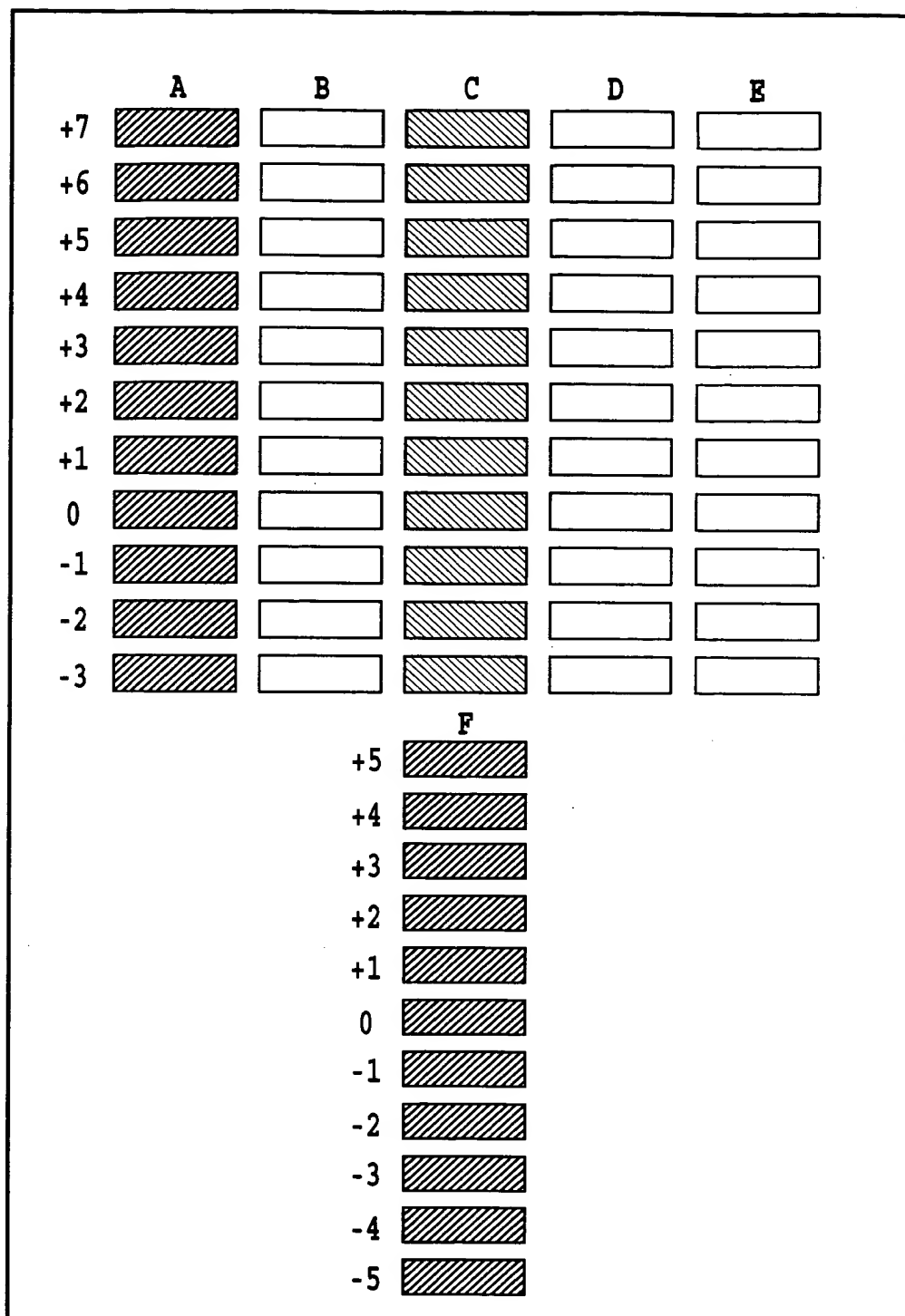


FIG.35

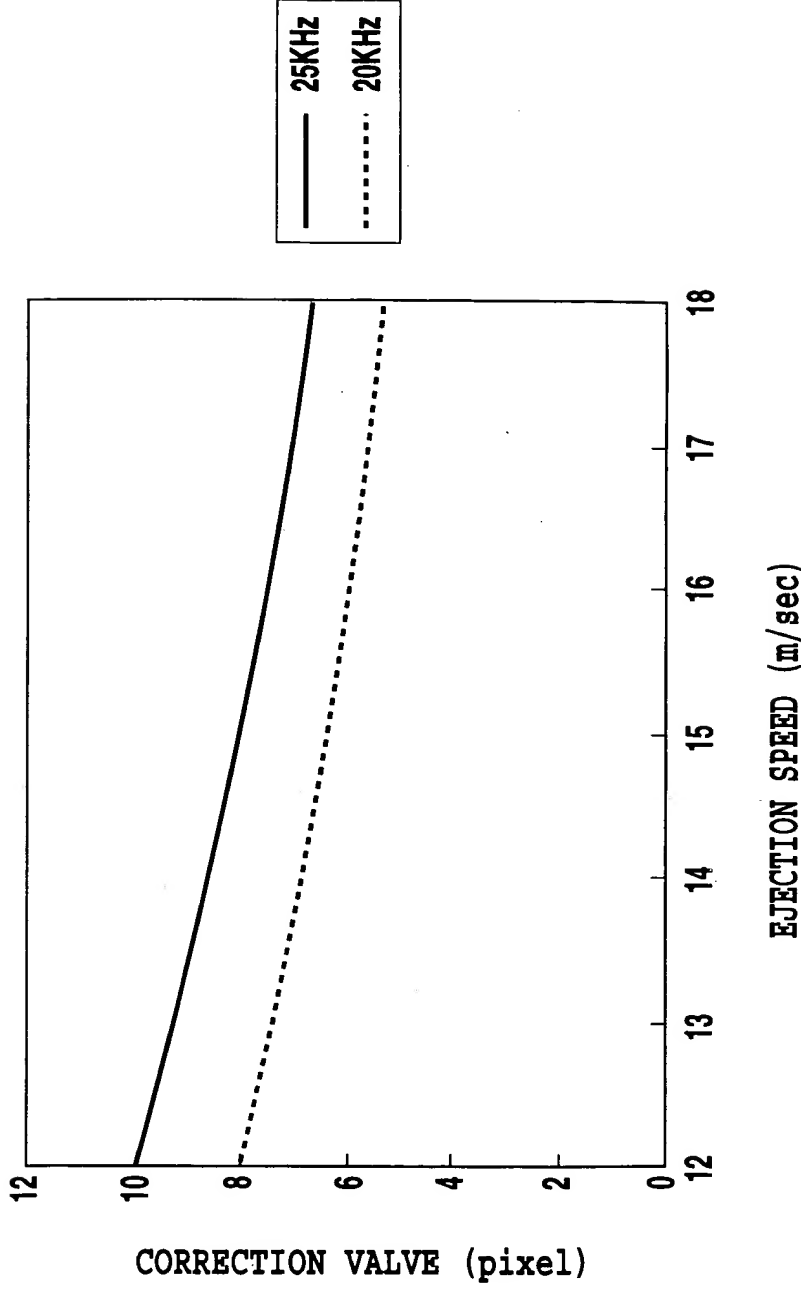


FIG.36

EJECTION SPEED (m/s)		10	11	12	13	14	15	16	17	18	19	20
		01	02	03	04	05	06	07	08	09	0a	0b
DRIVE FREQUENCY (KHz)		25	21	11	10	9	8	8	7	7	6	6
		20	10	9	8	7	7	6	6	5	5	5

FIG.37

